

SSM-492US

PATENT

#5th Amendment (A)
D. Townsend
04/22/03
ReOK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carl-Ludwig Graf von Deym et al. : Art Unit:
Application No.: To Be Assigned : Examiner:
Filed: Herewith :
FOR: SORTING AND SEPARATING METHOD AND :
PLANT FOR RECYCLING PLASTICS :

5/a

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

SIR:

Prior to examination, please amend the above-identified application as follows.

IN THE CLAIMS:

Please replace the claims with the following amended claims.

1 1. A sorting and separating method for recycling plastics which
2 are provided in a mixture of plastics as refuse, wherein the method includes
3 separating the plastics according to types of plastic,

4 wherein

5 the mixture of plastics is sorted and separated according to colours,
6 and the fractions of plastics thus obtained, separated according to colours, are
7 sorted and separated according to types of plastic.

1 2. The method as set forth in claim 1, wherein the mixture of
2 plastics is sorted and separated according to primary colours, wherein the primary
3 colours are preferably standardised colours, in particular RAL primary colours.

1 3. The method as set forth in claim 1, wherein the fractions of
2 plastics, separated according to colours, are subjected to extraction in an extractor,
3 preferably a carousel extractor, by means of ethyl acetate as the extraction
4 medium.

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